

## **Core Capabilities - Preparedness Measures and Metrics**

### **Project Summary:**

Filler Security Strategies (FSS) will work with Bay Area subject matter experts to develop measures and metrics that are meaningful to the Bay Area's public health and safety agencies for each of the 31 Core Capabilities. FSS will assist the region to build metrics and measures that are useful in each of the Operational Areas and Core Cities, allowing each Operational Area and Core City to track their own progress independent of a regional assessment.

FSS will circulate drafts of the measures and metrics for review and comment by stakeholders from across the region. This will include members of various UASI working groups, e.g. risk management, and other Operational Area subject matter experts, e.g., bomb squad commanders. The goal will be to conduct as much of the review as possible through email and conference calls in order to take up as little time of stakeholders as possible.

### **Deliverable:**

The final deliverable will be a compendium of Bay Area Core Capabilities with "localized" measures and metrics that can be used by Operational Areas and Core Cities to assess their preparedness and performance over time. FSS will develop a minimum of 5 and a maximum of 17 metrics and measures for each of the 31 Core Capabilities, depending on the capability's complexity and its importance to the Bay Area. Once the metrics and measure are agreed upon, they will be uploaded into Digital Sandbox's Risk Analysis Center's (RAC's) capability assessment module and tied to levels of ability in the RAC (low, medium low, medium high and high). Operational Areas and Core Cities will have the ability to input and track their own data on an ongoing basis through Digital Sandbox.

### **Timeline:**

The goal will be to use the new measures and metrics by June 2013, in time for the federal FY 2014 (calendar year 2013) capability assessment.

### **Steering Committee:**

FSS will establish a Steering Committee consisting of regional subject matter area experts, such as from law, fire, EMS, and health. Such experts will help guide the work, vet the proposed measures and metrics, suggest relevant resources, as well as liaison with stakeholders throughout the Bay Area UASI region. The Steering Committee will be asked to participate in 4-6 conference calls over a six month period, as well as provide a few hours of one-on-one follow up with FSS.

Those interested in participating in the Steering Committee should contact Catherine Spaulding, Bay Area UASI Assistant General Manager.

Please note that there will be a kick off Steering Committee meeting Thursday January 31<sup>st</sup> at 2pm at the Bay Area UASI offices or via conference call.

### **Additional Information on the Development of the Measure and Metrics:**

Measures and metrics will evaluate both performance and preparedness and capture the essential elements that best specify the components necessary to achieve a particular Core Capability in the Bay Area. FSS will undertake extensive research and interaction with local subject matter experts to ensure the measures and metrics are useful and reasonable. FSS will include those activities and tasks that should be done prior to and during the usage of the capability, e.g., development of plans, establishment of mutual aid agreements, response times, acquisition of equipment, etc. FSS will ensure that each measure will have a metric that defines how the measure should be considered achieved. For example, in some cases the metric may be as simple as “yes” or no” or “medium-high” or “low” while in others it may involve a percentage of actors, e.g., Operational Areas within the region that must have the resource(s) in place.

FSS will design the measures and metrics so that Operational Areas and Core Cities can use them to assess their individual capabilities, although some measures and metrics will be focused on regional level capabilities depending on the Core Capability involved. For example, for Intelligence and Information Sharing, the metrics and measures may be focused primarily, although not exclusively, on the Northern California Regional Intelligence Center. Once the Operational Areas and Core Cities assess themselves against the metrics and measures, Digital Sandbox will roll up the data to present a regional picture of preparedness across the different Core Capabilities to assist in a regional assessment.

FSS will organize the measures and metrics primarily under plans, organization, equipment, training and exercises (POETE). This POETE construct mirrors the elements of capability, the State Preparedness Report framework, and the allowable spending areas under the DHS grant programs. This alignment will make it easier to develop specific grant funded actions and projects needed to close identified Bay Area gaps in the measures and metrics.

In developing the metrics and measures, FSS will draw from applicable standard setting bodies and resources such as the National Fire Protection Association (NFPA), e.g., *NFPA 473: Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents*, the CDC Public Health Preparedness Capabilities, the federal Hospital Preparedness Program’s National Guidance for Healthcare System Preparedness, and the NIMS resource types, e.g., typed public safety bomb squads, search and rescue teams and public safety and security teams, etc. For example, for public safety bomb squads, FBI standards now require each team to have a bomb robot in order to maintain FBI certification. This would be an equipment measure that each bomb squad in all the Operational Areas would be expected to meet.